

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010559.D
 Acq On : 29 Jun 2019 01:31
 Operator : JC/SP
 Sample : K3570-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LT-4

Quant Time: Jun 29 06:50:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

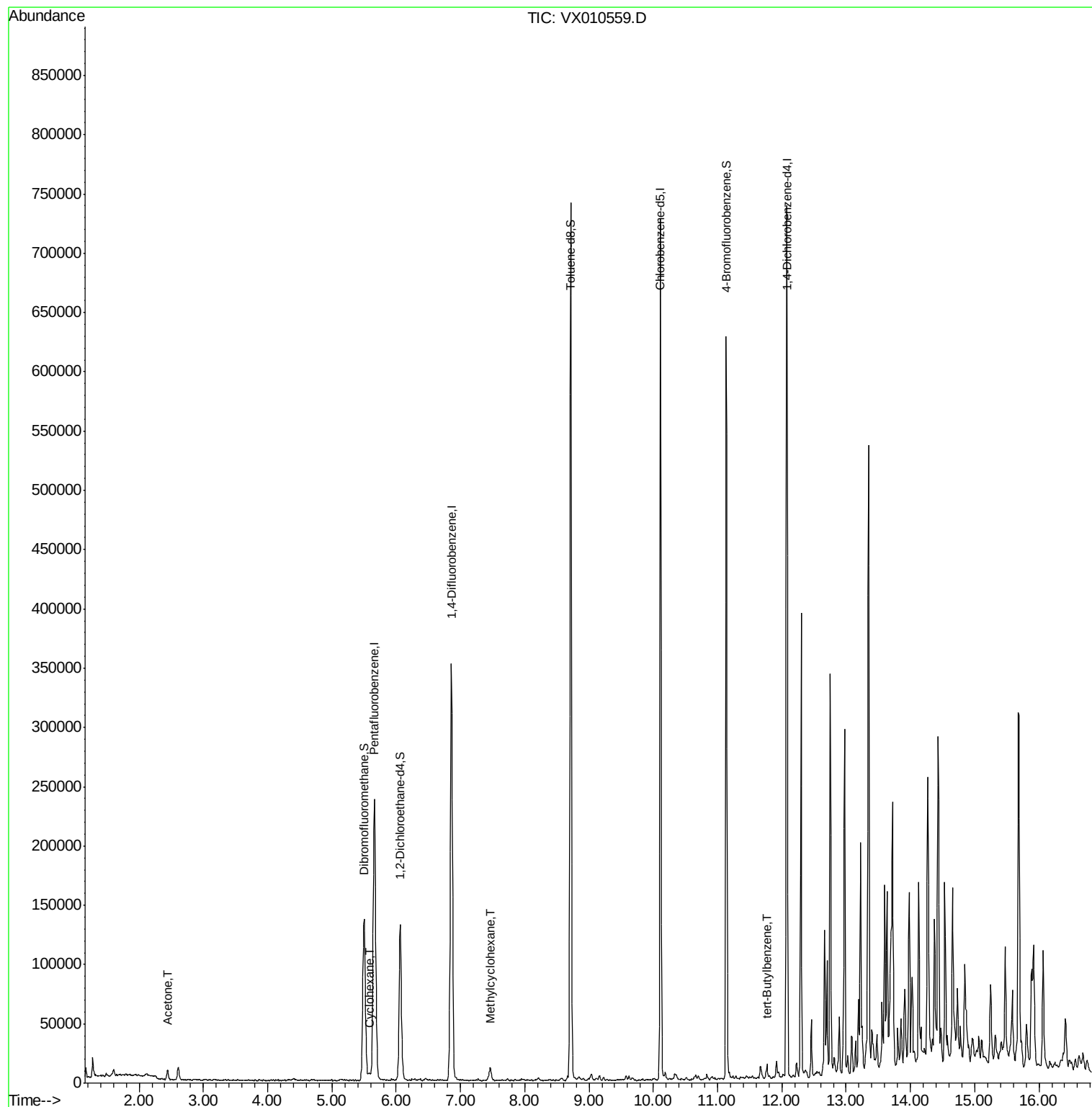
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117704	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	5.50	113	115449	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.71	98	451033	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	154544	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						
16) Acetone	2.45	43	9086	7.767	ug/l	93
31) Cyclohexane	5.59	56	3420	1.014	ug/l	97
39) Methylcyclohexane	7.46	83	5082	1.274	ug/l	95
83) tert-Butylbenzene	11.77	119	4851	0.516	ug/l	87

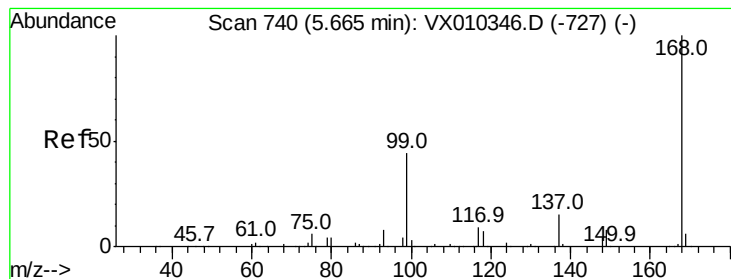
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010559.D

Acq: 29 Jun 2019 01:31

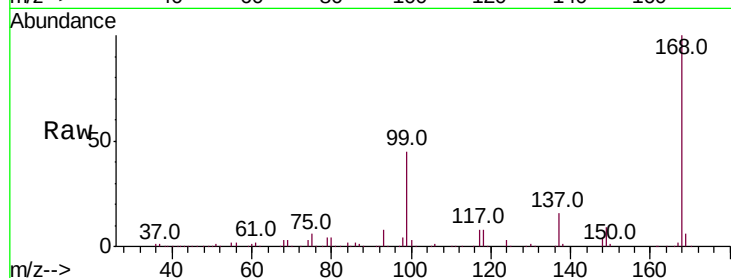
Instrument :
MSVOA_X
ClientSampleId :
LT-4

Tot Ion:168 Resp: 248950

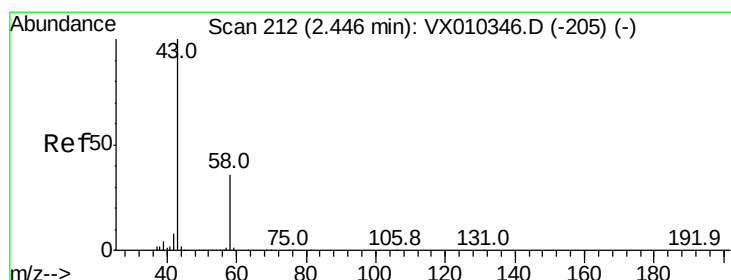
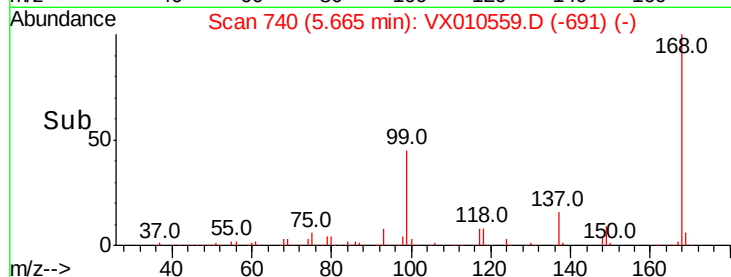
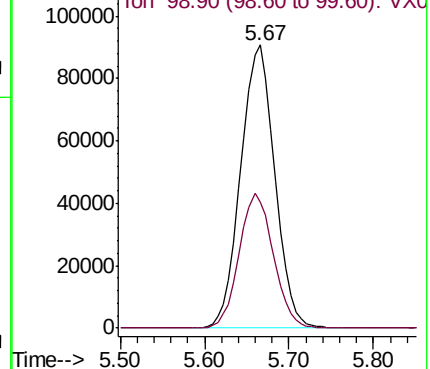
Ion Ratio Lower Upper

168 100

99 44.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 7.767 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010559.D

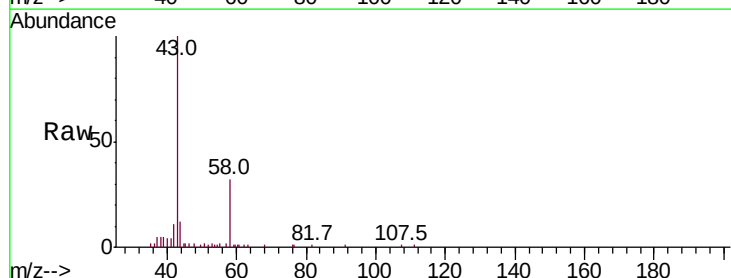
Acq: 29 Jun 2019 01:31

Tgt Ion: 43 Resp: 9086

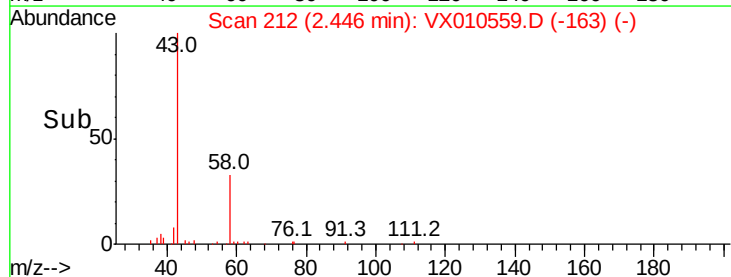
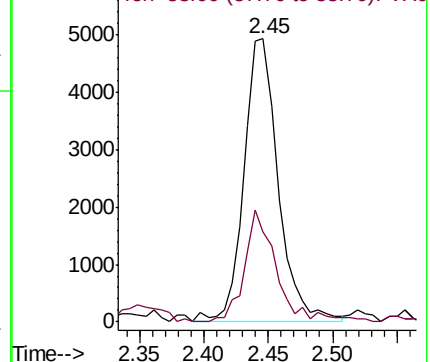
Ion Ratio Lower Upper

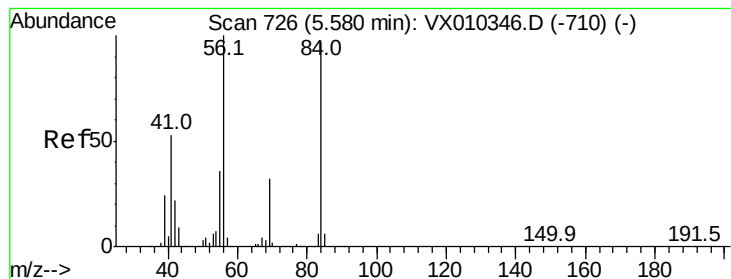
43 100

58 31.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0





#31

Cyclohexane

Concen: 1.014 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010559.D

Acq: 29 Jun 2019 01:31

Instrument :

MSVOA_X

ClientSampled :

LT-4

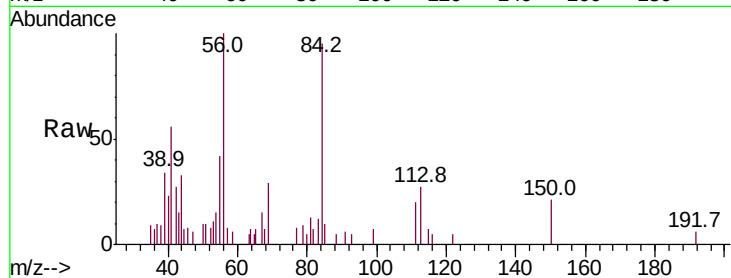
Tot Ion: 56 Resp: 3420

Ion Ratio Lower Upper

56 100

69 29.2 25.9 38.9

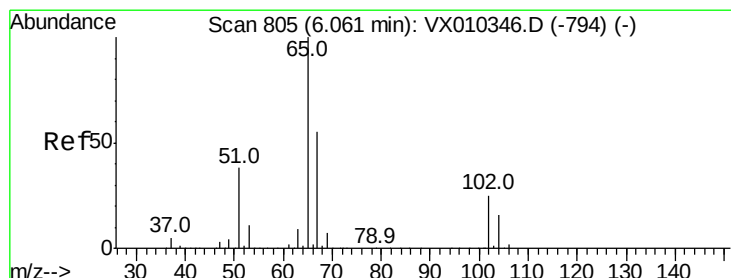
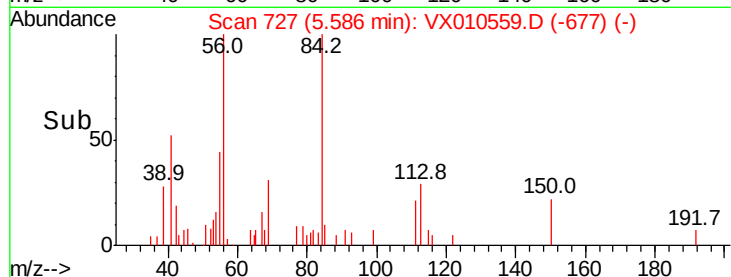
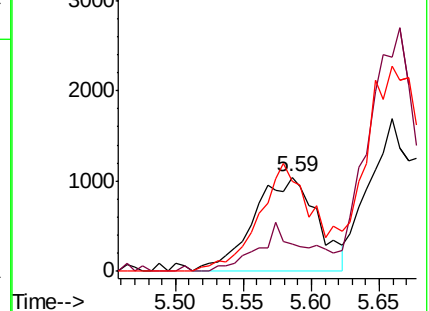
84 94.8 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.427 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010559.D

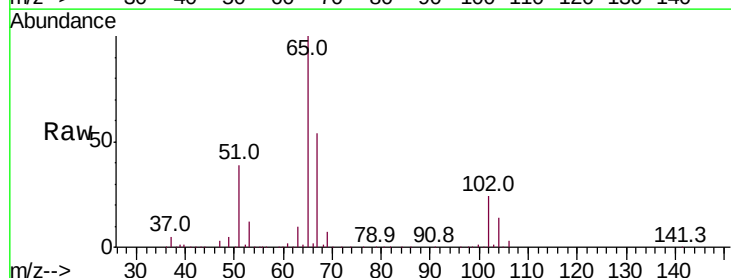
Acq: 29 Jun 2019 01:31

Tgt Ion: 65 Resp: 117704

Ion Ratio Lower Upper

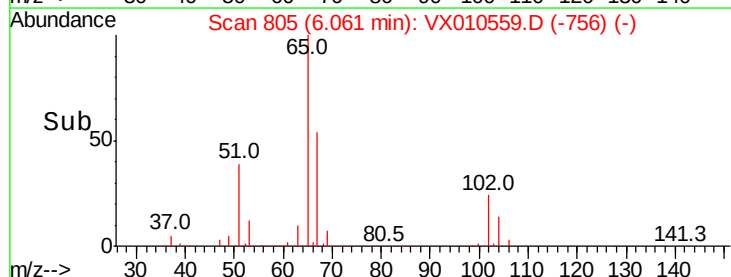
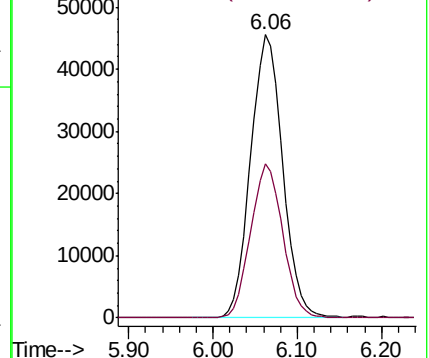
65 100

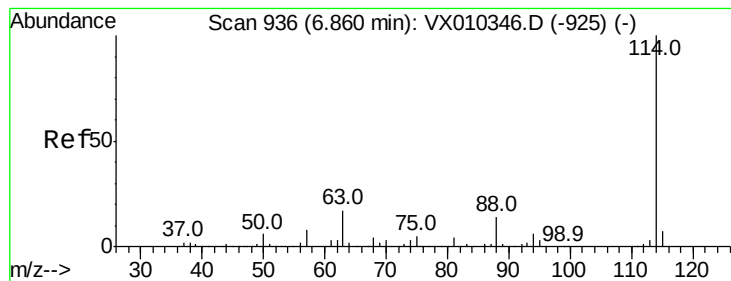
67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010559.D

Acq: 29 Jun 2019 01:31

Instrument :

MSVOA_X

ClientSampleId :

LT-4

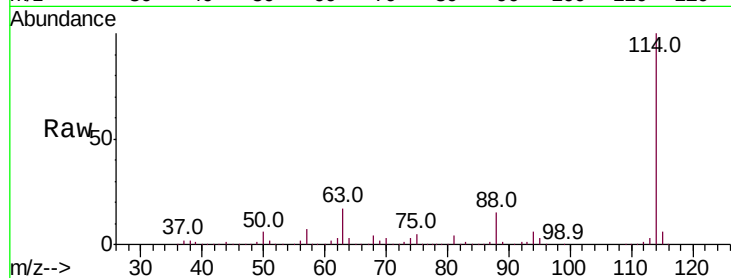
Tot Ion:114 Resp: 381957

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

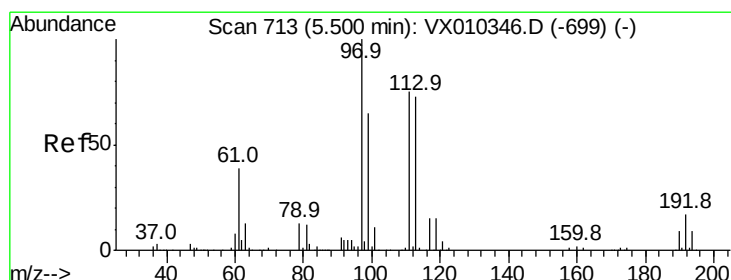
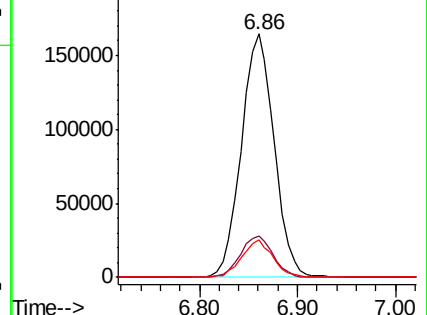
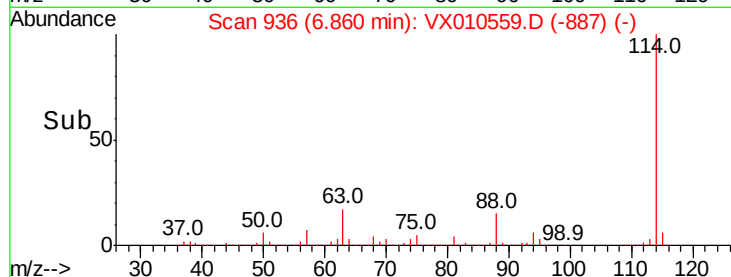
88 15.2 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.402 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010559.D

Acq: 29 Jun 2019 01:31

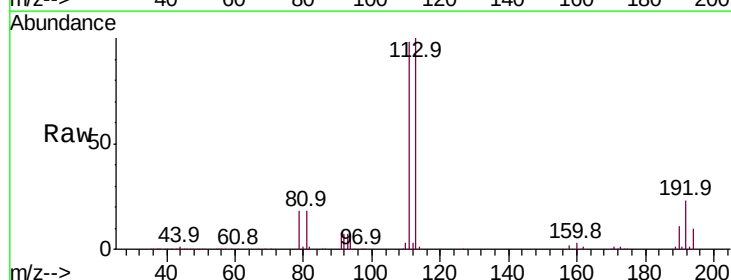
Tgt Ion:113 Resp: 115449

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

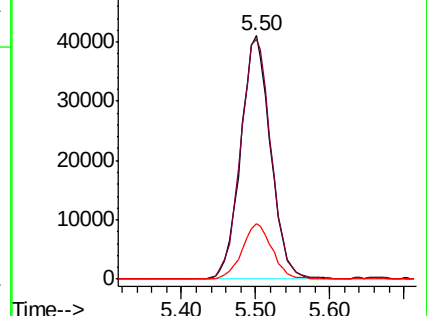
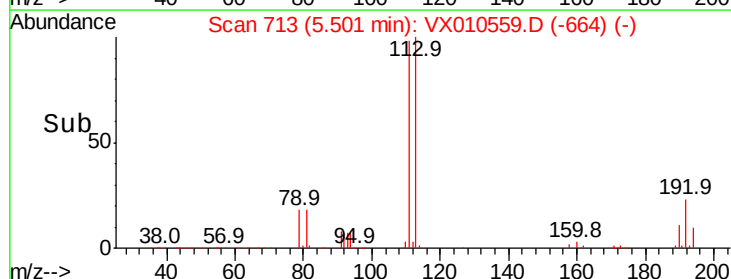
192 22.7 18.6 27.8

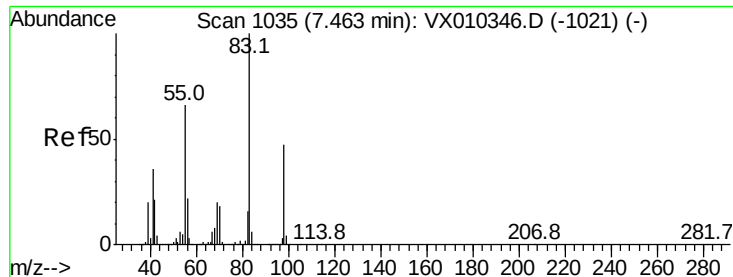


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 1.274 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010559.D

Acq: 29 Jun 2019 01:31

Instrument :

MSVOA_X

ClientSampled :

LT-4

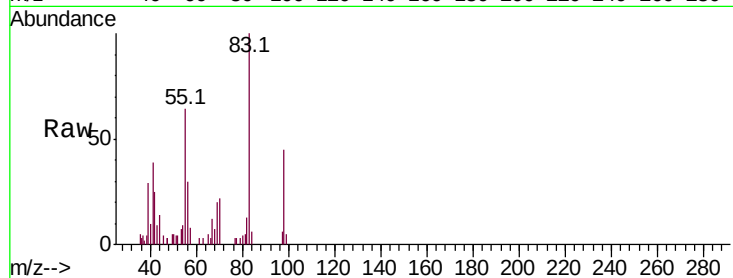
Tot Ion: 83 Resp: 5082

Ion Ratio Lower Upper

83 100

55 60.8 53.0 79.6

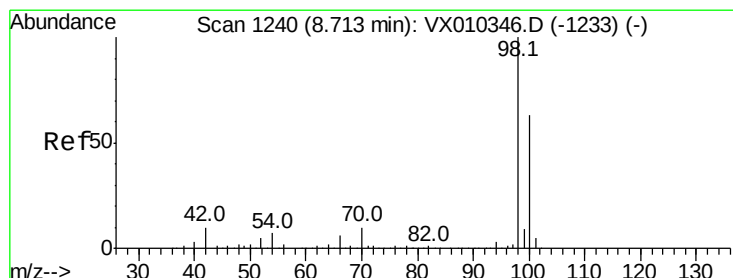
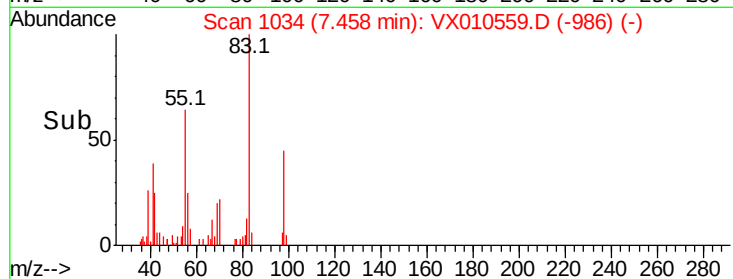
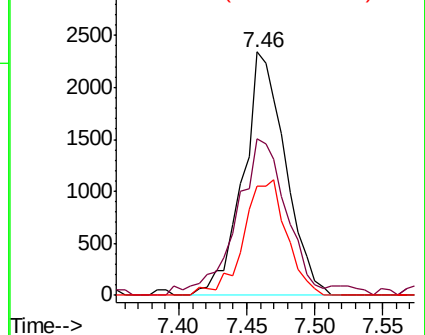
98 45.0 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#50

Toluene-d8

Concen: 50.447 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010559.D

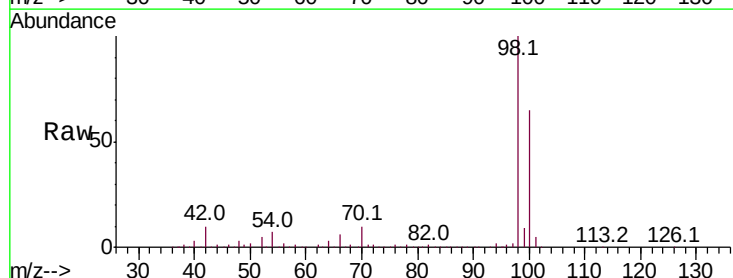
Acq: 29 Jun 2019 01:31

Tgt Ion: 98 Resp: 451033

Ion Ratio Lower Upper

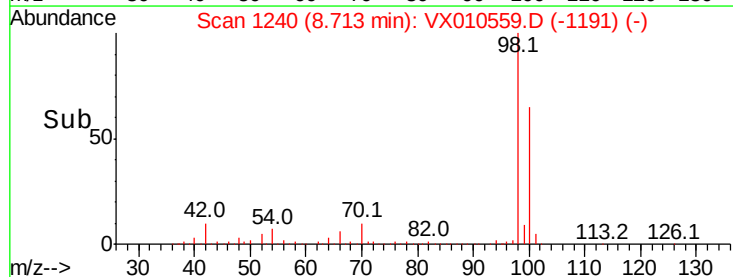
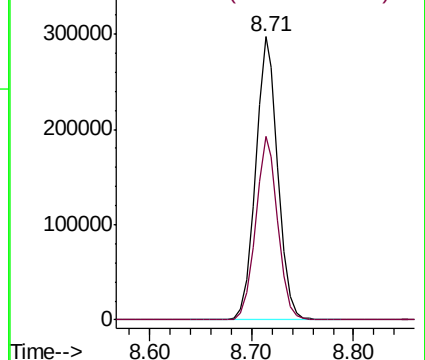
98 100

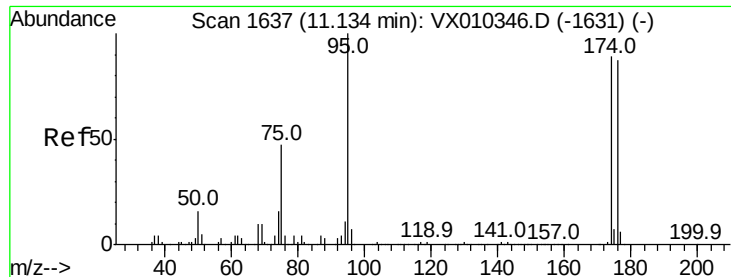
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

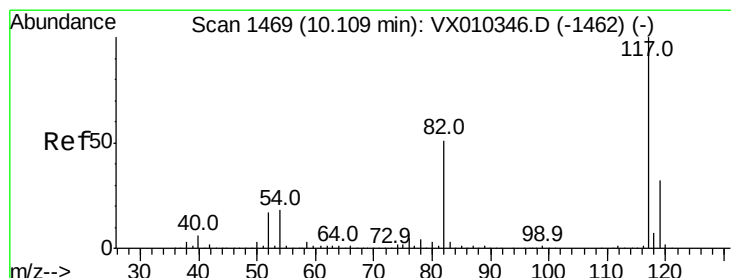
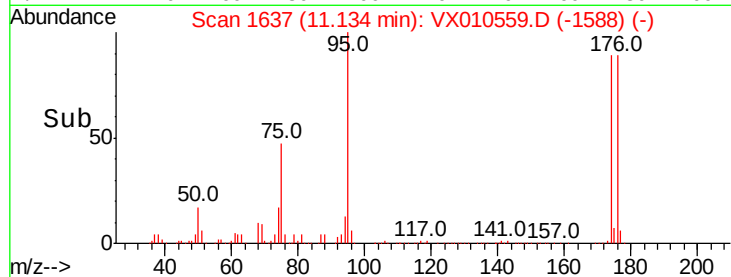
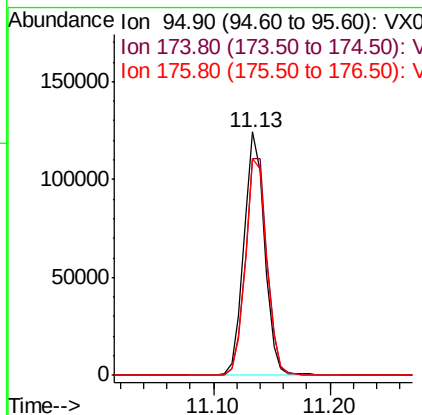
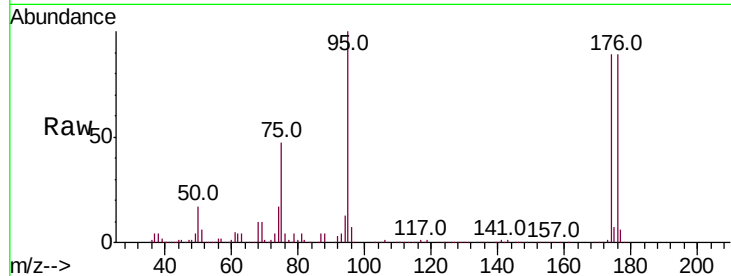




#62
4-Bromofluorobenzene
Concen: 47.878 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010559.D
Acq: 29 Jun 2019 01:31

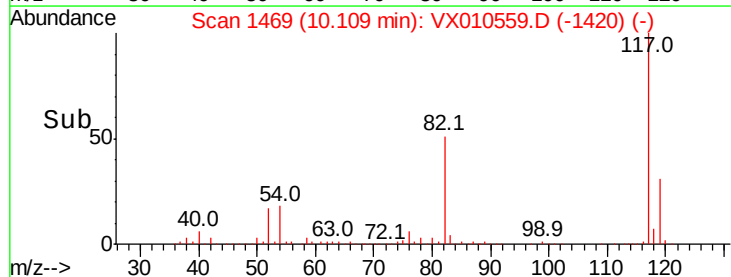
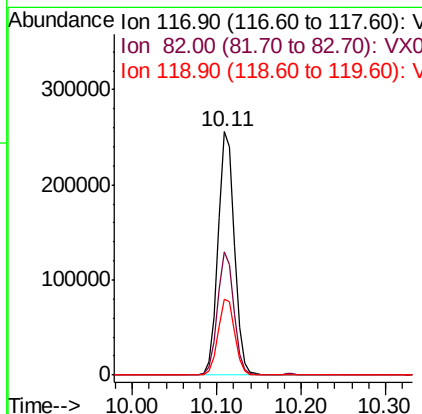
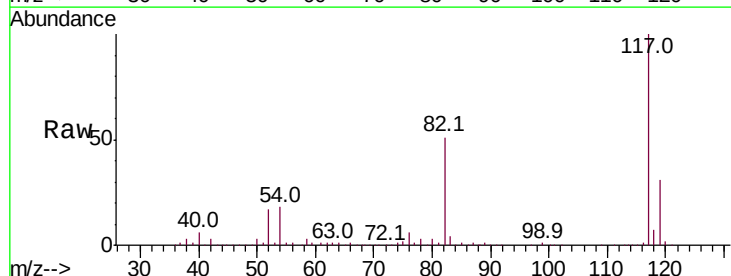
Instrument :
MSVOA_X
ClientSampleId :
LT-4

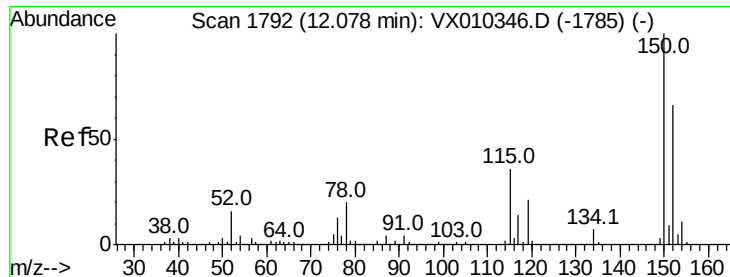
Tot Ion	95	Resp	154544
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	187.6
176	91.6	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010559.D
Acq: 29 Jun 2019 01:31

Tgt Ion	117	Resp	345972
Ion Ratio	Lower	Upper	
117	100		
82	50.5	41.2	61.8
119	31.4	25.5	38.3

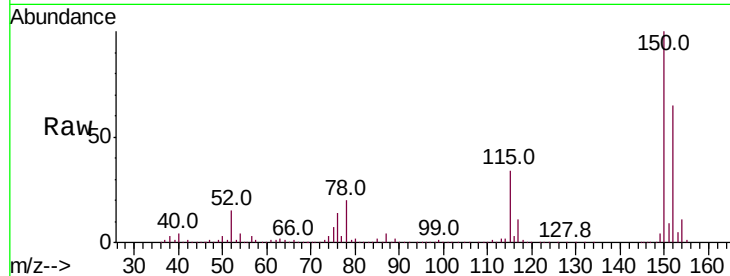




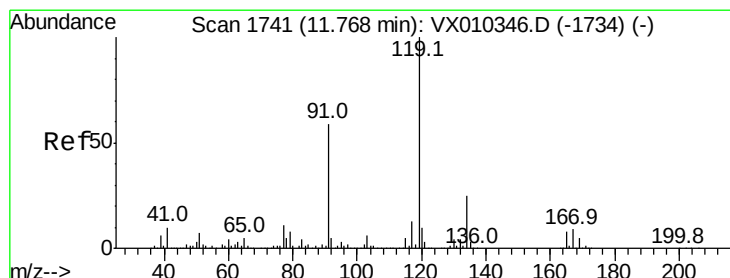
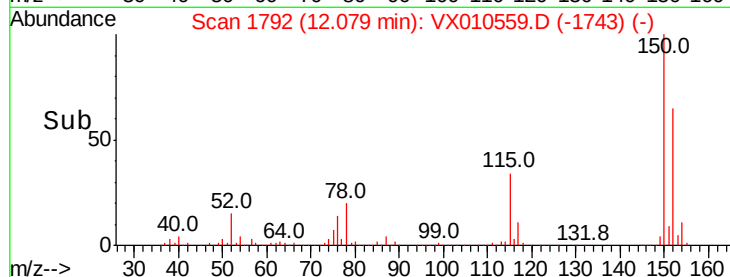
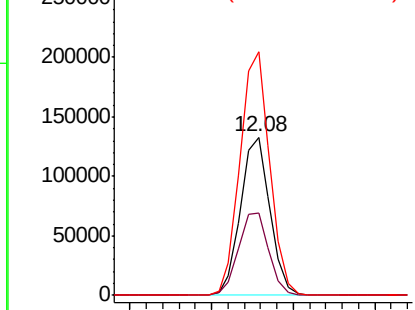
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010559.D
 Acq: 29 Jun 2019 01:31

Instrument :
 MSVOA_X
 ClientSampled :
 LT-4

Tot Ion:152 Resp: 167584
 Ion Ratio Lower Upper
 152 100
 115 53.9 38.6 115.7
 150 155.2 0.0 347.4

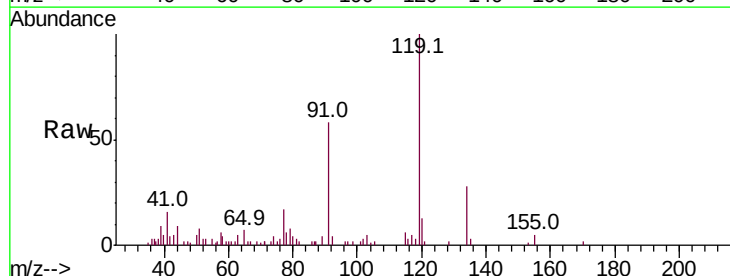


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#83
 tert-Butylbenzene
 Concen: 0.516 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010559.D
 Acq: 29 Jun 2019 01:31

Tgt Ion:119 Resp: 4851
 Ion Ratio Lower Upper
 119 100
 91 66.9 27.6 82.7
 134 26.0 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

